

FORM 1449 (MODIFIED)  
APPLICANT: JOHN Y, CHEN  
FILING DATE: \_\_\_\_\_

Docket NO.: \_\_\_\_\_ USSN: 09/130,545  
GROUP: 1771 Sheet 1 Of 2

US PATENT DOCUMENTS

EX	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
✓	3660849	5/9/72	JONNES	2 2.1	7/13/70
✓	3821149	6/28/74	MAKOWSKI	260 30.6	9/28/73
✓	3827999	8/6/74	CROSSLAND	260 33.6	8/6/74
✓	3860013	1/14/75	CZAPOR	132 91	7/17/72
✓	4136699	<del>6/30/79</del> 1/79	COLLINS	128 290	1/21/77
✓	4151057	4/24/79	ST. CLAIR	— —	8/14/78
✓	4176240	11/27/79	SABIA	174 23	5/30/78
✓	4259540	3/31/81	SABIA	— —	4/20/79
✓	4351913	9/28/82	PATEL	— —	1/4/82
✓	4361508	11/30/82	BOURLAND	523 173	10/20/80
✓	4369284	1/18/83	CHEN	— —	3/28/80
✓	4432607	2/21/84	LEVY	350 96.34	10/27/81
✓	4492428	1/8/85	LEVY	— —	8/16/82
✓	4497538	2/5/85	PATEL	— —	8/10/83
✓	4509821	4/9/85	STENGER	350 96.23	9/1/83
✓	4600261	7/15/86	DEBBAUT	— —	10/12/82
✓	4610738	9/9/86	JERVIS	156 49	1/4/85
✓	4618213	10/21/86	CHEN	— —	1/18/84
✓	4643924	2/17/87	UKEN	428 35	5/2/85
✓	4662692	5/5/87	UKEN	339 96	5/2/85
✓	4678664	7/7/87	SCHMOLKA	424 65	9/30/82
✓	4680233	7/14/87	CAMIN	428 424.6	5/2/85
✓	4690831	9/1/87	UKEN	427 44	6/18/86
✓	4692369	9/8/87	NOMI	428 198	12/9/85
✓	4709982	12/1/87	CORNE	427 44	11/13/85
✓	4716183	12/29/87	GAMARRA	522 90	11/22/85
✓	4721832	1/26/88	TOY	174 87	5/2/86
✓	4764535	8/16/88	LEICHT	— —	8/6/84
✓	4798853	1/17/89	HANDLIN	523 173	1/20/87
✓	4801346	1/31/89	HUDDLESTON	— —	7/30/86
✓	4822834	4/18/89	BLEVINS	524 427	4/19/88
✓	4833193	5/23/89	SIEVERDING	— —	8/14/87
✓	4842931	6/27/89	ZOOK	428 354	7/19/88
✓	4864725	9/12/89	DEBBAUT	29 871	4/18/88
✓	4865905	9/12/89	UKEN	428 220	12/9/88
✓	4880676	11/14/89	PULGCERVER	428 35.7	11/14/89
✓	4880878	11/14/89	HIMES	525 89	12/29/87
✓	4883431	11/28/89	UKEN	— —	9/26/86
✓	4888070	12/19/89	CLARK	— —	12/1/87
✓	4889171	12/26/89	COVINGTON	428 304	4/21/88
✓	4889403	12/26/89	ZUCKER	— —	12/23/87
✓	4900877	2/13/90	DUBROW	174 35	7/12/88
✓	4909756	3/20/90	JERVIS	— —	8/31/88
✓	4929211	5/29/90	RESNICK	446 14	12/2/88
✓	4942270	7/17/90	GAMARRA	174 93	7/12/88
✓	4944363	7/31/90	OSHER	273 58	2/6/90
✓	4944973	7/31/90	FOLLETTE	— —	9/13/89

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	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS		FILING DATE
DX	4968747	11/6/90	MALLIKARJUN	525	74	3/30/90
DY	4983008	1/8/91	CAMPBELL	350	96.16	11/1/88
DZ	5026054	6/25/91	OSHER	273	58	7/18/90
EA	5059748	10/22/91	ALLEN	174	87	4/26/90
EB	5068138	11/26/91	MITCHELL	428	36.8	7/23/90
EC	5085597	2/4/92	STORY	439	521	3/28/91
ED	5088734	2/18/92	GLAVA	273	73	1/9/91
EE	5098421	3/24/92	ZOOK	604	367	10/16/89
EF	5126182	6/30/92	DOUGLAS	428	90	1/22/90
EG	5149736	9/22/92	GAMARRA	524	490	5/7/90
EH	5153254	10/6/92	CHEN	524	505	6/24/88
EI	5159022	10/27/92	IKEMATU	525	250	5/21/91
EJ	5167649	12/1/92	ZOOK	604	307	4/17/92
EK	5173573	12/22/92	JERVIS	174	138	3/15/91
EL	5177143	<del>2/27/90</del> 1/93	TOY	524	848	2/27/90
EM	5181914	1/26/93	ZOOK	604	307	5/6/92
EN	5191752	3/9/93	MURPHY	54	44.5	5/4/92
EO	5221534	6/22/93	DESLAURIERS	424	78.03	2/4/91
EP	5239723	8/31/93	CHEN	15	104	8/24/92
EQ	5262468	11/16/93	CHEN	524	476	5/23/91
ER	5324222	6/28/94	CHEN	446	34	4/29/92
ES	5330452	7/19/94	ZOOK	604	307	6/1/93
ET	5313019	5/17/94	BRUSSELMANS	174	93	12/2/92
EU	5334646	8/2/94	CHEN	524	474	10/6/92
EV	5336708	8/9/94	CHEN	524	474	8/24/92
EW	5459193	10/17/95	ANDERSON	524	505	2/23/95
EX	5475890	12/19/95	CHEN	15	104	8/30/93
EY	5479952	1/2/96	ZACHARIADES	132	321	2/23/95
EZ	5559165	<del>8/8/95</del> a/94	PAUL	523	111	8/8/95
FA	5606149	2/25/97	YAWORSKI	174	92	10/13/94
FB	5618882	4/8/97	HAMMOND	525	92	11/14/94
FC	5624294	4/29/97	CHEN	446	253	11/15/93
FD	5626657	5/6/97	PEARCE	106	122	8/22/96
FE	5633286	5/27/97	CHEN	524	474	8/11/94
FF	5655947	8/12/97	CHEN	446	46	5/23/91

### FOREIGN DOCUMENTS

FG	UK 1,268,431	03/1972	MMM(3M)	1/28/69
FH	PCT/WO 91/05014	18/4/91	RAYCHEM	5/10/89
FI	PCT/WO 93/05113	18/3/93	RAYCHEM	6/9/91
FJ	PCT/WO 88/00603	28/1/88	RAYCHEM	17/7/87
FK	PCT/WO 93/23472	25/11/93	RAYCHEM	10/5/93
FL	PCT/WO 90/05166	17/5/90	RAYCHEM	9/11/89

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G	3860013	1.14.75	CZAPOR	132/91	7.17.72
H	4880878	11.14.89	HIMES	525/89	12.29.87
I	5479952	1.2.96	ZACHARIADES	132/321	2.23.95
J	5618882	4.8.97	HAMMOND	525/92D	PCT 5.10.93

PUBLICATION

- Cun* FM "STYRENE-DIENE TRIBLOCK COPOLYMERS: ORIENTATION CONDITIONS AND MECHANICAL PROPERTIES OF THE ORIENTED MATERIALS" A. WEILL AND R. PIXA, JOURNAL OF POLYMER SCIENCE POLYMER SYMPOSIUM 58, 381-394 (1977).
- FN TUFTEC TRADE LITERATURE, ASANI CHEMICAL CO., LTD., SYNTHETIC RUBBER DIVISION, ENGLISH AND JAPANESE 14 PAGES. (No Date)
- FO SEPTON TRADE LITERATURE, KURARAY CO., LTD. 1995.8 (4,000) 15 PAGES.
- FP SHELL CHEMICAL CO., DATA SHEETS: EKP-207 (093094-02) AND L-1203 (SC:2384-950) (No Date)
- FQ SC:1102-89 SHELL CHEMICAL TECHNICAL BULLETIN "KRATON® THERMOPLASTIC RUBBER IN OIL GELS", APRIL 1989
- FR "TUFTEC" -- its characteristics and applications, Assahi Chemical. (No Date)
- FS SEPTON, High Performance Thermoplastic Rubber, Kuraray Co., LTD., 1995.
- FT KRATON POLYMERS, May 1997, Shell Chemical Company.
- FU Silipos product catalogue. (No Date)
- FV Silipos products catalogue sheets: Silosheath, Pressure Ulcers, Friction Sleeves with Gel, Gel-E-Rol & Friction Tape, Mesh Tubing, Silopad. (No Date)
- FW Silipos manual, 1994.
- QD Melt Miscibility In Blends Of Polypropylene, Polystyrene-Block-Poly(Ethylene-Stat-Butylene)-Block-Polystyrene, and Processing Oil From Melting Point Depression, Ohlsson et al., Polymer Engineering and Science, 1996, Vol. 36, No. 11.
- FX Blends And Thermoplastic Interpenetrating Polymer Networks Of Polypropylene And Polystyrene-Block-Poly(Ethylene-Stat-Butylene)-Block-Polystyrene Triblock Copolymer. 1: Morphology And Structure-Related Properties, Ohlsson, et al., Polymer Engineering and Science, 2/1996, Vol. 36, No. 4.
- Cun* FY Migration And Blooming Of Waxes To The Surface Of Rubber Vulcanizates, Nah, et al., J. Of Polymer Science: Polymer Physics Ed., Vol. 18, 511-521 (1980).

EXAMINER

DATE CONSIDERED

FEB. 23, 2000

EXAMINER: INITIAL CITATION CONSIDERED. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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EXCISE	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
<i>cur</i> M	5994450	11/30/99	Pearce	524/505	1/10/97
<i>cur</i> N	3821148	6/28/74	Makowski	C08F	9/28/73
<i>cur</i> O	5952396	9/14/99	Chang	522/001	6/16/97
<i>cur</i> P	3821149	6/28/74	Makowski	260/30.6R	9/28/73
<i>cur</i> Q	5863977	1/26/99	Fisher	C08L 9/06	2/12/97
<i>cur</i> R	5929138	7/27/99	Mercer	C08K	11/5/96
<i>cur</i> S	5994446	11/30/99	Graykys	C08K 5/01	5/25/98
<i>cur</i> T	5872201	2/16/99	Cheung	C08F 212/08	2/6/97

PUBLICATION

*cur* U "SiloLiner" Sales literature from Knit-Rite medical (March 1, 1999 three pages).

V ALPS South Corporation -Gel Liners: NEW! Easy Liner ELPX, ELDT and ELFR published fact sheet downloaded from the Internet on 8/10/99.

W Chung P. Park and George P. Clingerman, "Compatibilization of Polyethylene-Polystyrene Blends with Ethylene-Styrene Random Copolymers", the Dow Chemical Company, May 1996.

X Steve Hoenig, Bob Turley and Bill Van Volkenburgh, "Material Properties and Applications of Ethylene-Styrene Interpolymers", the Dow Chemical Company, September 1996.

Y Y. Wilson Cheung and Martin J. Guest, "Structure, Thermal Transitions and Mechanical Properties of Ethylene/Styrene Copolymers", the Dow Chemical Company, May 1996. (17)

Z Teresa Plumley Karjaia, Y. Wilson Cheung and Martin J. Guest, "Melt Rheology and Processability of Ethylene/Styrene Interpolymers", the Dow Chemical Company, May 1997.

ZA D. C. Prevorsek, et al., "Origins of Damage Tolerance in Ultrastrong Polyethylene Fibers and Composites", Journal of Polymer Science: Polymer Symposia No. 75, 81-104 (1993).

ZB Chen, H., et al, "Classification of Ethylene-Styrene Interpolymers Based on Comonomer Content", J. Appl. Polym. Sci., 1998, 70, 109.

ZC Alizadeh, et al., "Effect of Topological Constraints on The Crystallization Behavior of Ethylene/alpha-Olefin Copolymers", PMSE, Vol, 81, pp. 248-249, August 22-26, 1999.

*cur* ZD Guest, et al., "Structure/Property Relationships of Semi-Crystalline Ethylene-Styrene Interpolymers (ESI)", PMSE, Vol, 81, pp. 371-372, August 22-26, 1999.

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